



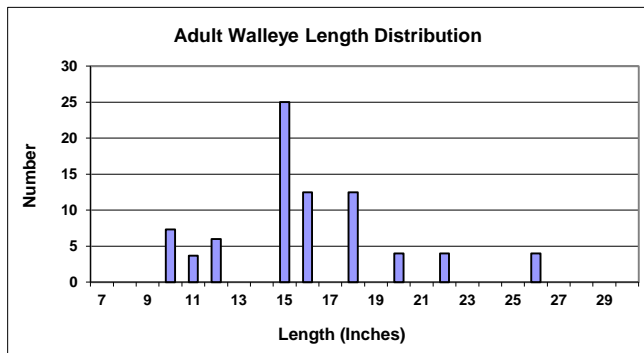
**WISCONSIN DNR
FISHERIES INFORMATION SHEET**

LAKE: LAUREL

COUNTY: ONEIDA

YEAR: 2014

The Department of Natural Resources surveyed Laurel Lake, Oneida County, from May 7 through May 22, 2014, to primarily assess the walleye and muskellunge populations. Laurel Lake is a drainage lake with sand, gravel, muck substrate and a naturally-reproducing walleye population. It has a surface area of 232 acres and a maximum depth of 27 feet.



* Note: Adult walleye are defined as all sexable walleye and walleye of unknown sex ≥ 15 inches long.

Walleye



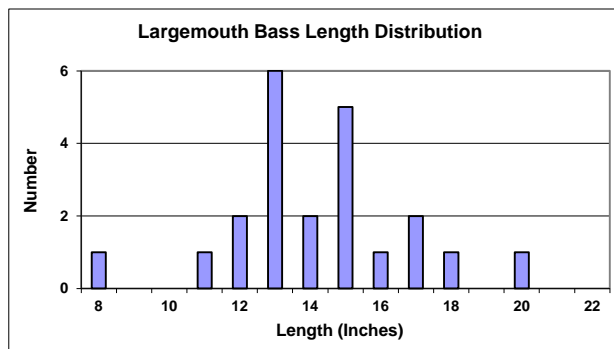
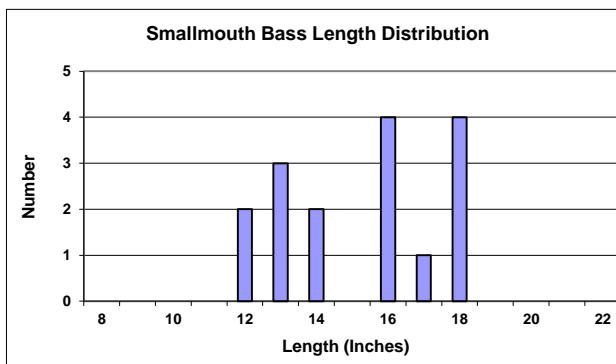
A mark-recapture survey of Laurel Lake's adult walleye population was conducted from 5/07-5/12, 2014. During 3 days of fyke netting, just 11 adult walleye were captured and marked with a fin clip. A crew sampled Laurel Lake with an electro-fishing boat on May 12 and captured 32 adult walleye. During electro-fishing 19% (6 of 32) of captured walleye bore the fin clip given during fyke netting. The largest walleye we captured was a 26-inch female.

Based on those results, Laurel Lake was estimated to contain 79 adult walleye (0.3 /acre). However, our confidence in this estimate is low, and it should be used with some discretion. An estimated 79% (62 of 79) of adult walleye were 15 inches long or larger.

Smallmouth Bass



Smallmouth bass were not a primary target during our survey of Laurel Lake. Sampling occurred prior to peak smallmouth spawning. However, we did capture 16 smallmouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those smallmouth captured, 69% (11 of 16) were 14 inches long or larger. The largest smallmouth captured was 18.5 inches long.



Largemouth Bass



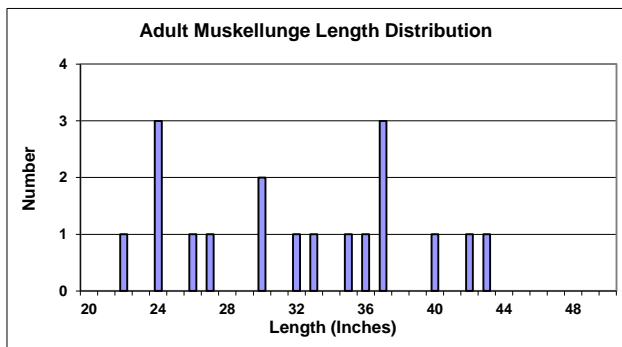
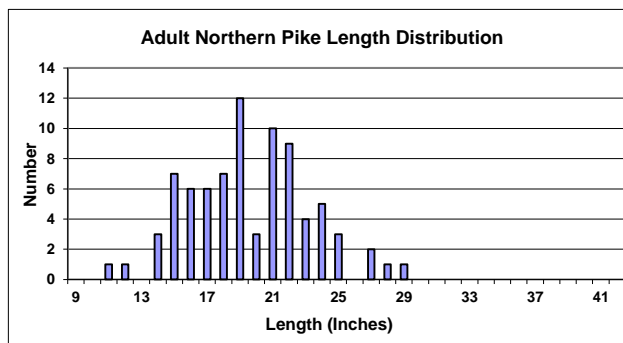
Largemouth bass were also not targeted during our survey of Laurel Lake. However, we incidentally captured 22 largemouth bass, 8 inches or larger, during fyke netting and electro-fishing. Of those largemouth captured, 55% (12 of 22) were 14 inches long or larger. The largest largemouth captured was 20.2 inches long.

Northern Pike



From May 7 through May 22, 2012, 81 adult northern pike were captured in fyke nets fished in Laurel lake. Of the adult northern pike captured 95% (77 of 81) were less than 26 inches long. The largest northern pike captured was a 29-inch male.

* Note: Adult northern pike are defined as all sexable northern pike and northern pike of unknown sex ≥ 12 inches long.



Muskellunge



During our fyke netting and electro-fishing sampling of Laurel Lake, 18 adult muskellunge were captured. Of the muskellunge captured, 17% (3 of 18) were 40 inches long or larger. The largest muskellunge captured was a 43-inch female.

* Note: Adult muskellunge are defined using PSD stock size as all sexable muskellunge and muskellunge of unknown sex ≥ 20 inches long.

Other Species

In addition to the game fish mentioned above, 10 other species of fish were captured during fyke netting and electro-fishing sampling of Laurel Lake. Yellow perch and black crappie were common in our fyke net catches. Also caught were moderate numbers of bluegill, pumpkinseed, rock bass, yellow bullhead, and white sucker. Other species sampled included burbot, redhorse, and golden shiner.

A creel survey will be conducted on Laurel Lake throughout the 2014-15 fishing season to get estimates of fishing effort and angler harvest. Creel clerks Rich Cechal and Marty Kiepke will count and interview anglers and examine their catch. The information gathered will be used to estimate fishing effort and angler harvest.

Table 1. General Fishing Regulations for Laurel Lake, Oneida County, 2014

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 3 - March 1	3	No minimum but only 1 fish over 14"
Largemouth Bass	May 3 - March 1	5 in total with SMB	14 inches
Smallmouth Bass	May 3 - June 20 (C&R) June 21 - March 1 (Harvest)	5 in total with LMB harvest season only	14 inches
Muskellunge	May 24 - Nov. 30	1	40 inches
Northern Pike	May 3 - March 1	5	None

A brief summary of selected fishing regulations for Laurel Lake is included above (Table 1). While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from our web site at:

<http://dnr.wi.gov/topic/fishing/regulations/>

This report is interim only; data and findings should not be considered final. Results of creel surveys should be available by June 2015. Watch for survey summaries at: <http://dnr.wi.gov/topic/Fishing/north/trtysprngsrvys.html> or contact:

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